



ANNUAL

4-H RECORD

ALABAMA COOPERATIVE EXTENSION SYSTEM / ALABAMA A&M AND AUBURN UNIVERSITIES

Beef Breeding Project, _____

Name _____ Social Security no. _____ Age _____

Address _____ Zip _____ Phone _____

County _____ 4-H Club _____ Years in 4-H _____

Parent's signature _____

Leader's signature _____

Agent's signature _____

Table 1. Performance Record

If you have a registered heifer, list: Name _____

If you have a commercial heifer, list: Breed of sire _____ Breed of dam _____

	Heifer #1	Heifer #2
1. Date project began	_____	_____
2. Permanent ID (tattoo or brand)	_____	_____
3. Heifer birth date	_____	_____
4. Birth weight/ratio/EPD	_____	_____
5. Weaning weight/ratio/EPD	_____	_____
6. Yearling weight/ratio/EPD	_____	_____
7. Milk EPD	_____	_____
8. Breeder	_____	_____
9. Heifer registration number	_____	_____

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Table 2. Feed Record

List as accurately as possible what you fed your heifer each month and the cost or value of the feed. All items should be listed in the month you

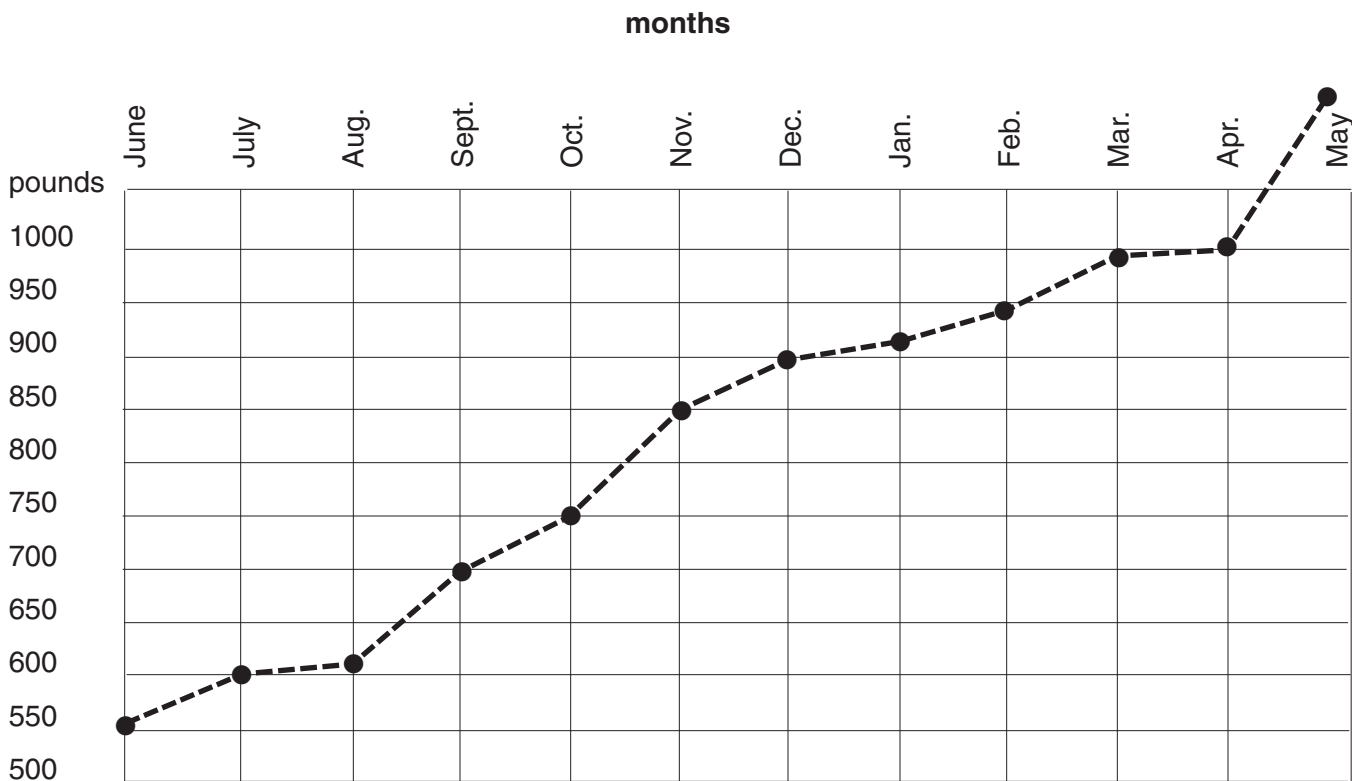
bought and started them. Subtract the value of leftover feed from your feed cost at the end of the project period.

	Acres of Pasture	Lb. Hay	Lb. Silage	Lb. Grain	Lb. Protein Supplement	Salt & Minerals	Vet. & Medical	Total Cost
June								
Cost								
Amount								
July								
Cost								
Amount								
August								
Cost								
Amount								
September								
Cost								
Amount								
October								
Cost								
Amount								
November								
Cost								
Amount								
December								
Cost								
Amount								
January								
Cost								
Amount								
February								
Cost								
Amount								
March								
Cost								
Amount								
April								
Cost								
Amount								
May								
Cost								
Amount								
Grand Total								

Table 3. Growth Record

Weigh your heifers at least once a month. Plot the weights of each by making a dot at the

nearest weight. Draw a line to connect the dots. See the example.



Age of your heifer in months

Table 4. Breeding Record

To calve at approximately 24 months old, heifers need to be bred at 14 to 15 months. British Breeds, those breeds originating on the British Isles, including England, should weigh a minimum of 600 pounds. Continental Breeds, those breeds originating on Continental Europe, should weigh a minimum of 700 pounds. American Breeds should also weigh a

minimum of 700 pounds. A beef heifer should weigh 65 percent of her expected mature weight when she is bred and 85 percent when she calves. For example, if she is expected to reach a mature weight of 1,000 pounds, she should weigh 650 pounds at breeding time and 850 pounds at calving time.

	Heifer #1	Heifer #2
1. Breeding date	_____	_____
2. Age of heifer when bred (months)	_____	_____
3. Weight of heifer when bred (pounds)	_____	_____
4. Breed of bull used	_____	_____
5. Date calf born	_____	_____
6. Sex of calf born	_____	_____
7. Calf identification	_____	_____

Table 5. Show Record

Date	Show	Placing	Premium

Table 6. Summary of Finances

Number of animals included in the project at the beginning	_____
Number of animals remaining in the project at the end	_____
Cost	
Value of heifers when project began	\$ _____
Pasture	_____
Hay	_____
Silage	_____
Grain	_____
Protein supplement	_____
Minerals, vitamins, and salt	_____
Veterinary and medical	_____
Transportation	_____
Other	_____
Total Cost . .	\$ _____
Income	
Value of heifers when project ended	\$ _____
Show winnings	_____
Other	_____
Total Income	\$ _____
Subtract cost from income	Total Cost _____
to get net profit.	Net Profit \$ _____

Management Calendar

On a separate sheet of paper, list the management practices you used each month. Be sure to include vaccinations and other health related items.

Story of My Beef Breeding Project

Write a story of your beef breeding project and attach it to your record.

Bob Ebert, *Extension Animal Scientist*, Animal and Dairy Sciences, Auburn University. Originally prepared by **Bob Whittenburg**, former *Animal Scientist—4-H*.

Adapted from a publication prepared by the Southern Region 4-H Animal Science Literature Committee.

For more information, call your county Extension office. Look in your telephone directory under your county's name to find the number.

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